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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/742,879	12/20/2000	Tara L. Cobble	00-104	7501

719 7590 03/11/2003

CATERPILLAR INC.
100 N.E. ADAMS STREET
PATENT DEPT.
PEORIA, IL 616296490

EXAMINER

DESTA, ELIAS

ART UNIT PAPER NUMBER

2857

DATE MAILED: 03/11/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action

Application No.

09/742,879

Applicant(s)

COBBLE ET AL.

Examiner

Elias Desta

Art Unit

2857

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 13 February 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☒ A Notice of Appeal was filed on 13 February 2003. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☒ The proposed amendment(s) will not be entered because:
(a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
(b) ☐ they raise the issue of new matter (see Note below);
(c) ☒ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
(d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____

3. ☐ Applicant's reply has overcome the following rejection(s): _____
4. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:


Claim(s) allowed: _____

Claim(s) objected to: _____

Claim(s) rejected: 1-22 and 25-45

Claim(s) withdrawn from consideration: _____

8. ☐ The proposed drawing correction filed on _____ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____
10. ☐ Other: _____


MARC S. HOFF
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800

Type	Hits	Search Text	DBs	Time Stamp
BRS	2371	(702/33-36 or 702/113-115 or 702/181 or 702/183-185 or 702/188).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	1312	(700/17 or 700/83 or 700/104).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	142	(714/26).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	1159	(706/912 or 706/12-13 or 706/45-47 or 706/54).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	266	(345/705 or 345/708 or 345/714 or 345/777).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	5144	((702/33-36 or 702/113-115 or 702/181 or 702/183-185 or 702/188).ccls.) or ((700/17 or 700/83 or 700/104).ccls.) or ((714/26).ccls.) or ((706/912 or 706/12-13 or 706/45-47 or 706/54).ccls.) or ((345/705 or 345/708 or 345/714 or 345/777).ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	17	((702/33-36 or 702/113-115 or 702/181 or 702/183-185 or 702/188).ccls.) or ((700/17 or 700/83 or 700/104).ccls.) or ((714/26).ccls.) or ((706/912 or 706/12-13 or 706/45-47 or 706/54).ccls.) or ((345/705 or 345/708 or 345/714 or 345/777).ccls.)) and (work adj machine)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	0	((702/33-36 or 702/113-115 or 702/181 or 702/183-185 or 702/188).ccls.) or ((700/17 or 700/83 or 700/104).ccls.) or ((714/26).ccls.) or ((706/912 or 706/12-13 or 706/45-47 or 706/54).ccls.) or ((345/705 or 345/708 or 345/714 or 345/777).ccls.)) and (work adj machine)) and dignostic\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	0	((702/33-36 or 702/113-115 or 702/181 or 702/183-185 or 702/188).ccls.) or ((700/17 or 700/83 or 700/104).ccls.) or ((714/26).ccls.) or ((706/912 or 706/12-13 or 706/45-47 or 706/54).ccls.) or ((345/705 or 345/708 or 345/714 or 345/777).ccls.)) and (work adj machine)) and diagnosis	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	8	((702/33-36 or 702/113-115 or 702/181 or 702/183-185 or 702/188).ccls.) or ((700/17 or 700/83 or 700/104).ccls.) or ((714/26).ccls.) or ((706/912 or 706/12-13 or 706/45-47 or 706/54).ccls.) or ((345/705 or 345/708 or 345/714 or 345/777).ccls.)) and (work adj machine)) and receive	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	7	((702/33-36 or 702/113-115 or 702/181 or 702/183-185 or 702/188).ccls.) or ((700/17 or 700/83 or 700/104).ccls.) or ((714/26).ccls.) or ((706/912 or 706/12-13 or 706/45-47 or 706/54).ccls.) or ((345/705 or 345/708 or 345/714 or 345/777).ccls.)) and (work adj machine)) and receive) and user	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	68	diagnostic and (work adj machine)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	77	((702/33-36 or 702/113-115 or 702/181 or 702/183-185 or 702/188).ccls.) or ((700/17 or 700/83 or 700/104).ccls.) or ((714/26).ccls.) or ((706/912 or 706/12-13 or 706/45-47 or 706/54).ccls.) or ((345/705 or 345/708 or 345/714 or 345/777).ccls.)) and (link with external)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	11	((702/33-36 or 702/113-115 or 702/181 or 702/183-185 or 702/188).ccls.) or ((700/17 or 700/83 or 700/104).ccls.) or ((714/26).ccls.) or ((706/912 or 706/12-13 or 706/45-47 or 706/54).ccls.) or ((345/705 or 345/708 or 345/714 or 345/777).ccls.)) and (link with external with information)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	1263	link with external with information	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	4	((702/33-36 or 702/113-115 or 702/181 or 702/183-185 or 702/188).ccls.) or ((700/17 or 700/83 or 700/104).ccls.) or ((714/26).ccls.) or ((706/912 or 706/12-13 or 706/45-47 or 706/54).ccls.) or ((345/705 or 345/708 or 345/714 or 345/777).ccls.)) and (work adj machine)) and receive) and user) and process	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	1	(diagnostic and (work adj machine)) and (initial adj problem)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	1	((diagnostic and (work adj machine)) and computer) and (confidence adj level)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	45	(diagnostic and (work adj machine)) and computer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	1	problem with question with answer with (recommend\$3 adj1(action or step))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	5	problem same (question or query)same (answer or solution or repair)same (recommend\$3 adj1 (action or step))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03
BRS	1	((702/33-36 or 702/113-115 or 702/181 or 702/183-185 or 702/188).ccls.) or ((700/17 or 700/83 or 700/104).ccls.) or ((714/26).ccls.) or ((706/912 or 706/12-13 or 706/45-47 or 706/54).ccls.) or ((345/705 or 345/708 or 345/714 or 345/777).ccls.)) and (work\$machine)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	03/04/03